

Attorney Docket No.: 4318.244-US

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Bisgaard-Frantzen et al. Confirmation No: To be assigned

Serial No.: To be assigned Group Art Unit: To be assigned

Filed: February 12, 2004 Examiner: To be assigned

For: Method for Producing Sweetners and Alcohol

**INFORMATION DISCLOSURE STATEMENT (IDS) UNDER 37 CFR 1.97(b)**

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

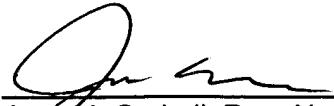
In accordance with 37 C.F.R. 1.56, 1.97 and 1.98, Applicants submit herewith references which may be material to the patentability of this application and with respect to which there may be a duty to disclose. While the references may be material under 37 C.F.R. 1.56, it is not intended to constitute an admission that the references are prior art. The filing of this IDS shall not be construed as a representation that no other material references than those listed exist or that a search has been conducted.

The references are listed in Form PTO/SB/08A, which is in accordance with the requirements of M.P.E.P. 609. A copy of the references was filed in US application no. 10/025,648 filed December 19, 2001, the benefit of which is claimed under 35 USC 120. It is respectfully requested that these references be considered by the USPTO in its examination of the above-identified application and be made of record therein.

This IDS is being filed **within** three months of the filing date of a national application or date of entry into the national stage of an international application, or **b for** the mailing date of a first Office action on the merits, or **b fore** the mailing date of a first Office action after the filing of a request for continued examination. Therefore, no fee is due.

Respectfully submitted,

Date: February 12, 2004

  
\_\_\_\_\_  
Jason I. Garbell, Reg. No. 44,116  
Novozymes North America, Inc.  
500 Fifth Avenue, Suite 1600  
New York, NY 10110  
(212) 840-0097

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB Control Number.			
Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	To be assigned
		Filing Date	February 12, 2004
		First Named Inventor	Bisgaard-Frantzen et al.
		Art Unit	To be assigned
		Examiner Name	To be assigned
Sheet	1	of	3
		Attorney Docket Number	4318.244-US

## **U.S PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> – Number <sup>4</sup> – Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		EP 0 252 666	01/13/88			
		EP 0 368 341	05/16/90			
		EP 0 285 123	10/05/88			
		EP 0 525 610	02/03/93			
		WO 95/10603	04/20/95			
		WO 95/21247	08/10/95			
		WO 95/26397	10/05/95			
		WO 94/02597	02/03/94			
		WO 91/16423	10/31/91			
		WO 94/18314	08/18/94			
		WO 91/00353	01/10/91			

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
				Application Number	To be assigned
				Filing Date	February 12, 2004
				First Named Inventor	Bisgaard-Frantzen et al.
				Art Unit	To be assigned
				Examiner Name	To be assigned
Sheet	2	of	3	Attorney Docket Number	4318.244-US

		FR 2 676 456	11/20/92		
		FR 2 665 178	01/31/92		
		WO 95/35382	12/28/95		
		WO 87/00202	01/15/87		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	To be assigned
				Filing Date	February 12, 2004
				First Named Inventor	Bisgaard-Frantzen et al.
				Art Unit	To be assigned
				Examiner Name	To be assigned
Sheet	3	of	3	Attorney Docket Number	4318.244-US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		Tsukamoto, A., et al., Biochem. and Biophys. Res. Com., Vol. 151, No.1, pg 25-31 (1998)	
		Estell, D.A., et al., The Jour. Biol. Chem., Vol. 260, No. 11, pgs. 6518-6521 (1985)	
		Abstract - Dialog, File 351, Derwent WPI, Dialog Accession No. 007176688	
		Suzuki, Y., et al., The Jour. of Biol. Chem., Vol. 264, No. 32, pgs. 18933-18938 (1989)	
		Chemical Abstracts, Vol. 112, No. 15, The Abstract No. 135178r, pg. 347	
		Chemical Abstracts, Vol. 108, No. 11, The Abstract No. 90927h, pg. 325	
		Chemical Abstracts, Vol. 112, No. 19, The Abstract No. 174785f, pg. 350	
		Bisgaard-Frantzen et al., J. Appl. Glycosci., Vol. 46, No. 2, pp. 199-205 (1999)	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents, Washington, DC 20231.